

- Dedicated, equipment-matched cooling supplies the proper temperature and water flow year round.
- Factory-tested, piped, wired and charged for hassle-free startup and operation.
- Clean, non-ferrous cooling loop, required for sensitive medical equipment.
- Local service and parts for quick and knowledgeable maintenance and service.
- Optional switch-over to alternate water source provides redundant, continuous operation.
- Optional remote monitoring systems keep you informed of chiller operation.
- UL/CSA listing on standard models.
- ISO 9001 certified company.

Magnetom Open Specifications

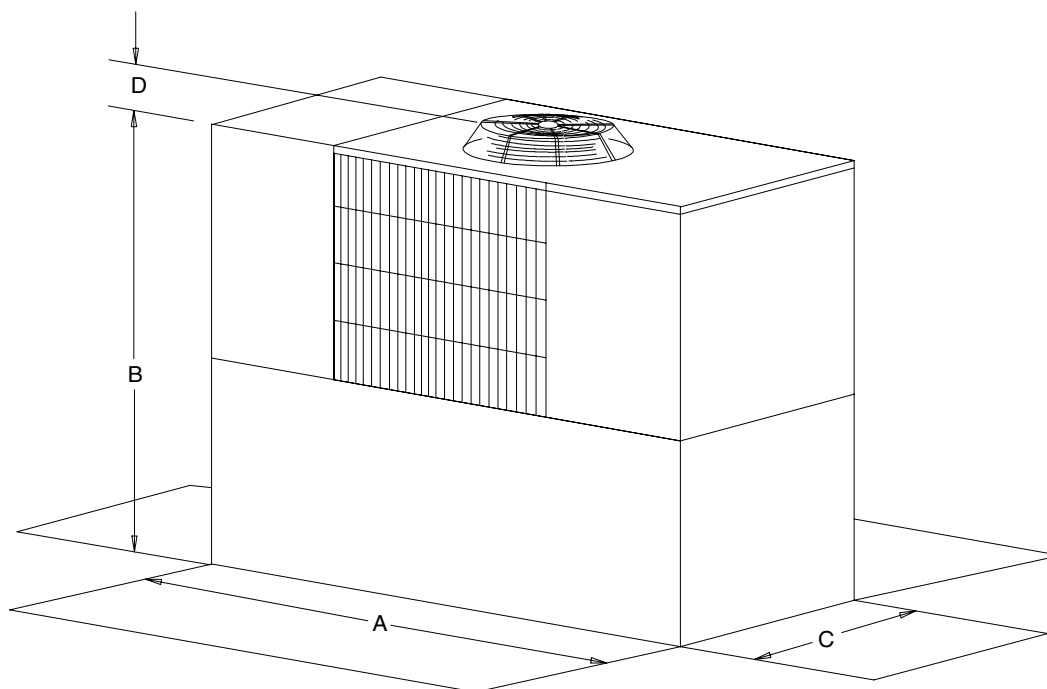
| | |
|---------------------------------|-------------|
| Fluid Specified | Water |
| Heat Dissipation—BTUH (kW) | 75,000 (22) |
| Fluid Temperature Range—°F (°C) | 41-48 (5-9) |
| Fluid Flow Rate—GPM (l/m) | 8.5 (32.2) |
| Fluid Pressure Drop—PSI (kPa) | 36.3 (250) |

Note: Performance is based on 95°F condenser ambient.

Process Fluid Chiller Specifications

| | | |
|---|---------------|-----------------|
| Model Number | PS120A | PS120A |
| Fluid Circulated | Water | Ethylene Glycol |
| Net Cooling Capacity—BTUH (kW) | 91,600 (26.8) | 84,400 (24.7) |
| Leaving Fluid Temperature—°F (°C) | 45 (7.2) | 45 (7.2) |
| Fluid Flow Rate—GPM (l/m) | 8.5 (32.2) | 10.5 (40) |
| Magnetom Open Pressure Drop—PSI (kPa) | 21.8 (150) | 49.3 (340) |
| Chiller Pressure Drop—PSI (kPa) | 3.1 (21.4) | 6.8 (46.9) |
| Pump Total Head—PSI (kPa) | 65 (448.1) | 64 (441.2) |
| Head Available for Piping Circuit—PSI (kPa) | 40.1 (276) | 7.9 (54.8) |
| Pump HP (kW) | 3 (2.2) | 3 (2.2) |

Based on Siemens specification dated 07/97



| Model No. | A-Width in. (mm) | B-Height in. (mm) | C-Depth in. (mm) | D | Weight lbs. (kg) | Voltage (60 Hz) |
|-----------|------------------|-------------------|------------------|-----------|------------------|--------------------------------|
| PS096A | 77 (1956) | 69.25 (1759) | 38.5 (978) | 5.5 (140) | 750 (340) | 460, 3-phase; 208/230, 3-phase |
| PS120A | 77 (1956) | 69.25 (1759) | 38.5 (978) | 5.5 (140) | 750 (340) | 460, 3-phase; 208/230, 3-phase |

Standard Features

- Indoor/outdoor cabinet
- Hermetic compressor
- Refrigerant dehydrator
- Expansion valve
- Refrigerant receiver
- Stainless steel fluid reservoir expansion tank
- Pressure relief valve
- Hot gas bypass valve capacity control
- Stainless steel pump

Optional Features

- Refrigerant gauges and reservoir heater

Suggested Options (may not be required)

- SFA#E7047-2 & E9099—Indoor wallbox with fluid filter, flow meter, temperature gauges, shut-off/ball valves and 1" hose barbs.

Accessories

- Emergency water bypass
- Enviro-source emergency bypass
- Water level control and alarm system
- Fluid pressure gauge
- Check valve
- Dial thermometer
- Relief valve
- Circuit setter
- Ball valve
- High temperature thermostat
- Low flow switch
- Liebert RCM8 monitor

Required Options

- 100 gallon stainless steel storage tank built into chiller frame



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